

Appendix 1

Approved Applications for Country Groups Q,W,Y,Z, and China (PRC)¹

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE

ALBANIA

TOTAL APPLICATIONS: 0
TOTAL CCL'S: 0
TOTAL DOLLAR VALUE: \$0

ARMENIA

0A982	SAPS; THUMBCUFFS, LEG IRONS, SHACKLES, AND HANDCUF	1	\$264
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	1	\$14,000
5E002	TECHNOLOGY FOR DEV/PROD/USE OF INFORMATION SECURIT	6	\$0

TOTAL APPLICATIONS: 8
TOTAL CCL'S: 3
TOTAL DOLLAR VALUE: \$14,264

AZERBAIJAN

5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	2	\$5,170
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TOTAL APPLICATIONS: 2
TOTAL CCL'S: 1
TOTAL DOLLAR VALUE: \$5,170

BELARUS

EAR99	ITEMS SUBJECT TO THE EAR N.E.S.	2	\$201,743
1C233	LITHIUM	1	\$149,300
3E001	TECHNOLOGY FOR DEV OR PROD OF CERTAIN ITEMS IN 3A/	1	\$1
4A994	ITEMS NOT CONTROLLED BY 4A001/4A002/4A003	1	\$149,300
4E001	TECHNOLOGY FOR DEV/PROD/USE OF CERTAIN EQUIP/SOFTW	1	\$1

TOTAL APPLICATIONS: 6
TOTAL CCL'S: 5
TOTAL DOLLAR VALUE: \$500,345

BULGARIA

0A984	SHOTGUNS, BUCKSHOT, SHOTGUN SHELLS	4	\$175,612
0A985	OPTICAL SIGHTING DEVICES FOR SHOTGUNS, DISCHARGE T	5	\$111,942

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
3A001	ELECTRONIC DEVICES/COMPONENTS	2	\$1,207
3A981	POLYGRAPHS/FINGERPRINT ANALYZERS/CAMERAS/EQUIPMENT	1	\$46,450
4E001	TECHNOLOGY FOR DEV/PROD/USE OF CERTAIN EQUIP/SOFTW	3	\$3
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	1	\$0

TOTAL APPLICATIONS: 16
TOTAL CCL'S: 6
TOTAL DOLLAR VALUE: \$335,214

CAMBODIA

0A982	SAPS; THUMBCUFFS, LEG IRONS, SHACKLES, AND HANDCUF	1	\$4,998
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TOTAL APPLICATIONS: 1
TOTAL CCL'S: 1
TOTAL DOLLAR VALUE: \$4,998

CHINA (PRC)

EAR99	ITEMS SUBJECT TO THE EAR N. E. S.	10	\$3,109,316
1A003	MANUFACTURES OF NON-FLUORINATED POLYMERIC SUBSTANC	1	\$566,000
1B018	EQUIPMENT ON THE INTERNATIONAL MUNITIONS LIST	1	\$470,400
1B115	EQUIPMENT FOR PRODUCTION OF PROPELLANTS	1	\$399,300
1C006	FLUIDS AND LUBRICATING MATERIALS	3	\$43,098
1C008	NON-FLUORINATED POLYMERIC SUBSTANCES	3	\$42,933
1C010	FIBROUS/FILAMENTARY MATERIALS USED IN MATRIX STRUC	2	\$5,194,000
1C018	MATERIALS ON THE INTERNATIONAL MUNITIONS LIST	2	\$104,900
1C202	ALUMINUM AND TITANIUM ALLOYS IN THE FORM OF TUBES/	4	\$2,480,948
1C210	FIBROUS/FILAMENTARY MATERIALS NOT CONTROLLED BY 1C	3	\$182,895
1C227	CALCIUM CONTAINING BORON AND OTHER IMPURITIES	1	\$57
1C228	MAGNESIUM CONTAINING IMPURITIES OTHER THAN CALCIUM	1	\$117,000
1C231	HAFNIUM	1	\$290,250
1C234	ZIRCONIUM WITH A HAFNIUM CONTENT	1	\$28,710
1C350	PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF	29	\$56,067,920
1C351	HUMAN PATHOGENS, ZOONOSSES, AND TOXINS	1	\$108
1D002	SOFTWARE UTILIZED FOR DEVELOPMENT OF ORGANIC MATRI	1	\$1
1E001	TECHNOLOGY FOR DEVELOPMENT OF EQUIPMENT UNDER 1A00	2	\$0
2A292	PIPING/FITTINGS/VALVES MADE/LINED WITH NAMED ALLOY	1	\$192,656
2B001	NUMERICAL CONTROL UNITS/MOTION CONTROL BOARDS	8	\$11,828,125
2B006	DIMENSIONAL INSPECTION/MEASURING SYSTEMS OR EQUIPM	1	\$61,870
2B204	ISOSTATIC PRESSES NOT CONTROLLED BY 2B004 OR 2B104	1	\$167,500
2B226	VACUUM AND CONTROLLED ENVIRONMENT INDUCTION FURNAC	2	\$5,331,636
2B230	PRESSURE TRANSDUCERS	26	\$292,957
2B231	VACUUM PUMPS	3	\$74,675
2B350	CHEMICAL MANUFACTURING FACILITIES AND EQUIPMENT	3	\$1,072,007
2B351	TOXIC GAS MONITORING SYSTEM AND DEDICATED DETECTO	8	\$247,868
2E003	OTHER TECHNOLOGY	1	\$0

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
2E201	TECHNOLOGY FOR USE OF COMMODITIES CONTROLLED BY 2A	1	\$0
3A001	ELECTRONIC DEVICES/COMPONENTS	9	\$454,662
3A002	GENERAL PURPOSE ELECTRONIC EQUIPMENT	14	\$2,170,298
3A202	OSCILLOSCOPES AND TRANSIENT RECORDERS	154	\$3,823,566
3A225	INVERTERS/CONVERTERS/FREQUENCY CHANGERS/GENERATORS	1	\$13,159
3A228	SWITCHING DEVICES	3	\$56,194
3A230	HIGH SPEED PULSE GENERATORS	1	\$4,595
3A231	NEUTRON GENERATOR SYSTEMS INCLUDING TUBES	4	\$871,958
3A233	MASS SPECTROMETERS	2	\$468,816
3A292	OSCILLOSCOPES	1	\$61,870
3A981	POLYGRAPHS/FINGERPRINT ANALYZERS/CAMERAS/EQUIPMENT	1	\$30,000
3B001	EPITAXIAL EQUIPMENT FOR SEMICONDUCTORS	2	\$4,391,843
3B002	ION IMPLANTATION EQUIPMENT FOR SEMICONDUCTORS	1	\$5,000,000
3B003	ETCHING EQUIPMENT FOR SEMICONDUCTORS	5	\$1,332,163
3B006	LITHOGRAPHY EQUIPMENT FOR SEMICONDUCTORS	1	\$150,000
3B008	TEST EQUIPMENT FOR SEMICONDUCTORS	6	\$48,539,348
3C003	ORGANO-INORGANIC COMPOUNDS DESCRIBED IN THIS ENTRY	1	\$12,230
3C004	HYDRIDES OF PHOSPHORUS, ARSENIC, OR ANTIMONY	6	\$137,107
3D001	SOFTWARE FOR DEV OR PROD OF EQUIP CERTAIN ITEMS IN	6	\$0
3D002	SOFTWARE FOR USE OF CERTAIN EQUIPMENT CONTROLLED B	6	\$10
3D003	CAD SOFTWARE FOR SEMICONDUCTOR DEVICES/INTEGRATED	14	\$39
3D994	SOFTWARE FOR DEV/PROD/USE OF 3A992/3A993/3A994/3B9	2	\$10
3E001	TECHNOLOGY FOR DEV OR PROD OF CERTAIN ITEMS IN 3A/	54	\$50,101
3E002	OTHER TECHNOLOGY FOR ITEMS IN CATEGORY 3	1	\$2
3E201	TECHNOLOGY FOR THE USE OF CERTAIN ITEMS IN 3A	1	\$24,436
3E994	TECHNOLOGY FOR DEV/PROD/USE OF 3A992/3A993/3A994/3	2	\$10
4A994	ITEMS NOT CONTROLLED BY 4A001/4A002/4A003	1	\$1,806,176
4D001	SOFTWARE FOR CERTAIN EQUIPMENT/SOFTWARE IN 4A-4D	3	\$0
4D003	SPECIFIC SOFTWARE, AS DESCRIBED IN THIS ENTRY	18	\$77
4E001	TECHNOLOGY FOR DEV/PROD/USE OF CERTAIN EQUIP/SOFTW	47	\$20,187
4E002	OTHER TECHNOLOGY	24	\$656
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	29	\$15,884,936
5A101	TELEMETERING AND TELECONTROL EQUIPMENT USABLE WITH	2	\$165,550
5A995	INFORMATION SECURITY EQUIPMENT N. E. S.	1	\$8,720
5B001	EQUIPMENT FOR DEV/PROD OR USE OF ITEMS IN 5A001	1	\$154,550
5D001	SOFTWARE FOR DEV/PROD/USE OF ITEMS IN 5A001/5B001/	3	\$0
5D002	SOFTWARE FOR INFORMATION SECURITY	11	\$120,338
5E001	TECHNOLOGY FOR DEV/PROD/USE, ETC, OF EQUIP. IN 5A0	52	\$3,516,300
5E002	TECHNOLOGY FOR DEV/PROD/USE OF INFORMATION SECURIT	10	\$6,284
6A001	ACOUSTICS	3	\$937,500
6A002	OPTICAL SENSORS	1	\$57,505
6A003	CAMERAS	5	\$524,240
6A005	OPTICAL EQUIPMENT (LASERS)	5	\$133,598
6A006	MAGNETOMETERS/MAGNETIC GRADIOMETERS/COMPENSATION S	2	\$66,100
6A203	CAMERAS/COMPONENTS NOT CONTROLLED BY ECCN 6A003	2	\$57,795
6A994	MARINE OR TERRESTRIAL ACOUSTIC EQUIPMENT	2	\$412,500
6D003	OTHER SOFTWARE	1	\$1,806,176
7A101	ACCELEROMETERS, OTHER THAN THOSE IN 7A001	1	\$72,000
7A103	INSTRUMENTATION, NAVIGATION EQUIPMENT/SYSTEMS NOT	13	\$3,714,916
9A004	SPACECRAFT	2	\$206,000,000
9B994	VIBRATION TEST EQUIPMENT	1	\$199,000

TOTAL APPLICATIONS: 660

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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TOTAL CCL'S: 79
TOTAL DOLLAR VALUE: \$391, 624, 651

CUBA

EAR99	ITEMS SUBJECT TO THE EAR N. E. S.	81	\$482, 580, 903
3A993	ELECTRONIC TEST EQUIPMENT, N. E. S.	2	\$2, 156, 096
4A994	ITEMS NOT CONTROLLED BY 4A001/4A002/4A003	4	\$489, 576
4E992	TECHNOLOGY FOR DEV/PROD/USE OF 4A994/4B994/4C994/4	1	\$42, 051
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	1	\$41, 300
5A991	TRANSMISSION ITEMS NOT W/I PARAMETERS IN 5A001. B	1	\$42, 051
5A992	MOBILE COMMUNICATIONS EQUIP/TELECOMM TEST EQUIP/AC	1	\$41, 300
5E991	TECHNOLOGY FOR DEV/PROD/USE OF 5B994 OR 5D991	1	\$42, 051
9A991	AIRCRAFT AND CERTAIN GAS TURBINE ENGINES N. E. S.	1	\$10, 617, 906

TOTAL APPLICATIONS: 93
TOTAL CCL'S: 9
TOTAL DOLLAR VALUE: \$496, 053, 234

ESTONIA

0A984	SHOTGUNS, BUCKSHOT, SHOTGUN SHELLS	1	\$60, 000
1C350	PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF	1	\$3, 718
3A001	ELECTRONIC DEVICES/COMPONENTS	1	\$1, 545
3A002	GENERAL PURPOSE ELECTRONIC EQUIPMENT	1	\$6, 785
4E001	TECHNOLOGY FOR DEV/PROD/USE OF CERTAIN EQUIP/SOFTW	2	\$2
5D001	SOFTWARE FOR DEV/PROD/USE OF ITEMS IN 5A001/5B001/	1	\$4, 500
6A003	CAMERAS	1	\$18, 400

TOTAL APPLICATIONS: 8
TOTAL CCL'S: 7
TOTAL DOLLAR VALUE: \$94, 950

GEORGIA

1C018	MATERIALS ON THE INTERNATIONAL MUNITIONS LIST	1	\$100, 000
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	2	\$146, 322
5D002	SOFTWARE FOR INFORMATION SECURITY	1	\$2, 000

TOTAL APPLICATIONS: 4
TOTAL CCL'S: 3
TOTAL DOLLAR VALUE: \$248, 322

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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KAZAKHSTAN

EAR99	ITEMS SUBJECT TO THE EAR N. E. S.	10	\$849,598
0A018	ITEMS ON THE INTERNATIONAL MUNITIONS LIST	1	\$1,307
0A982	SAPS; THUMBCUFFS, LEG IRONS, SHACKLES, AND HANDCUF	3	\$42,092
1C232	HELIUM-3 OR HELIUM ISOTOPICALLY ENRICHED IN THE HE	1	\$260,078
1C350	PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF	10	\$55,490,500
3A993	ELECTRONIC TEST EQUIPMENT, N. E. S.	2	\$369,791
3D994	SOFTWARE FOR DEV/PROD/USE OF 3A992/3A993/3A994/3B9	1	\$260,078
4A994	ITEMS NOT CONTROLLED BY 4A001/4A002/4A003	5	\$695,062
4E001	TECHNOLOGY FOR DEV/PROD/USE OF CERTAIN EQUIP/SOFTW	1	\$1
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	8	\$30,110,100
5A994	DATA SWITCHING EQUIPMENT/PACKET-MODE OPERATION SYS	1	\$103,000
5D002	SOFTWARE FOR INFORMATION SECURITY	2	\$96,468
9A004	SPACECRAFT	2	\$382,048,800

TOTAL APPLICATIONS: 47

TOTAL CCL'S: 13

TOTAL DOLLAR VALUE: \$470,326,875

KOREA, P. DEM REP.

EAR99	ITEMS SUBJECT TO THE EAR N. E. S.	43	\$385,236,022
1C350	PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF	1	\$1,550,000
1C982	OTHER PETROLEUM PRODUCTS LISTED IN SUPP 2 TO PART	1	\$0
4A994	ITEMS NOT CONTROLLED BY 4A001/4A002/4A003	1	\$34,800
5A991	TRANSMISSION ITEMS NOT W/I PARAMETERS IN 5A001. B	1	\$10,123
5A992	MOBILE COMMUNICATIONS EQUIP/TELECOMM TEST EQUIP/AC	1	\$34,800

TOTAL APPLICATIONS: 48

TOTAL CCL'S: 6

TOTAL DOLLAR VALUE: \$386,865,745

KYRGYZSTAN

1C350	PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF	4	\$20,000,000
5A001	TELECOMMUNICATIONS/TRANSMISSION EQUIPMENT	1	\$1,250

TOTAL APPLICATIONS: 5

TOTAL CCL'S: 2

TOTAL DOLLAR VALUE: \$20,001,250

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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LAOS

TOTAL APPLICATIONS: 0
TOTAL CCL'S: 0
TOTAL DOLLAR VALUE: \$0

LATVIA

3A202	OSCILLOSCOPES AND TRANSIENT RECORDERS	1	\$10,335
3A981	POLYGRAPHS/FINGERPRINT ANALYZERS/CAMERAS/EQUIPMENT	1	\$39,000
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	1	\$24,000
6C002	OPTICAL SENSORS	2	\$97,250

TOTAL APPLICATIONS: 5
TOTAL CCL'S: 4
TOTAL DOLLAR VALUE: \$170,585

LITHUANIA

0A984	SHOTGUNS, BUCKSHOT, SHOTGUN SHELLS	1	\$500
0A985	OPTICAL SIGHTING DEVICES FOR SHOTGUNS, DISCHARGE T	1	\$20,000
1A984	CHEMICAL AGENTS, INCLUDING TEAR GAS	1	\$418
1C350	PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF	1	\$4,318
6A003	CAMERAS	1	\$55,000

TOTAL APPLICATIONS: 5
TOTAL CCL'S: 5
TOTAL DOLLAR VALUE: \$80,236

MLDOVA

0A985	OPTICAL SIGHTING DEVICES FOR SHOTGUNS, DISCHARGE T	1	\$49,200
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TOTAL APPLICATIONS: 1
TOTAL CCL'S: 1
TOTAL DOLLAR VALUE: \$49,200

MINGOLIA

5A001	TELECOMMUNICATIONS/TRANSMISSION EQUIPMENT	1	\$12,250
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CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
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TOTAL APPLICATIONS: 1
 TOTAL CCL'S: 1
 TOTAL DOLLAR VALUE: \$12,250

ROMANIA

EAR99	ITEMS SUBJECT TO THE EAR N.E.S.	1	\$1,000,000
0A984	SHOTGUNS, BUCKSHOT, SHOTGUN SHELLS	7	\$428,329
0A985	OPTICAL SIGHTING DEVICES FOR SHOTGUNS, DISCHARGE T	1	\$6,900
1A984	CHEMICAL AGENTS, INCLUDING TEAR GAS	3	\$229,600
1C006	FLUIDS AND LUBRICATING MATERIALS	1	\$3,481
1C018	MATERIALS ON THE INTERNATIONAL MUNITIONS LIST	2	\$600,000
1C352	ANIMAL PATHOGENS	1	\$580
1E001	TECHNOLOGY FOR DEVELOPMENT OF EQUIPMENT UNDER 1A00	1	\$1,000,000
3E001	TECHNOLOGY FOR DEV OR PROD OF CERTAIN ITEMS IN 3A/	2	\$2
4E001	TECHNOLOGY FOR DEV/PROD/USE OF CERTAIN EQUIP/SOFTW	3	\$3
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	2	\$25,050
5D002	SOFTWARE FOR INFORMATION SECURITY	1	\$1,000
5E001	TECHNOLOGY FOR DEV/PROD/USE, ETC, OF EQUIP. IN 5A0	1	\$200
6A002	OPTICAL SENSORS	1	\$27,080
7A101	ACCELEROMETERS, OTHER THAN THOSE IN 7A001	1	\$4,857
9E991	TECHNOLOGY FOR THE DEV/PROD/USE WITH ITEMS IN 9A99	1	\$1,000,000

TOTAL APPLICATIONS: 29
 TOTAL CCL'S: 16
 TOTAL DOLLAR VALUE: \$4,327,082

RUSSIA

EAR99	ITEMS SUBJECT TO THE EAR N.E.S.	161	\$31,831,045
0A018	ITEMS ON THE INTERNATIONAL MUNITIONS LIST	1	\$547,840
0A984	SHOTGUNS, BUCKSHOT, SHOTGUN SHELLS	20	\$2,602,925
1A984	CHEMICAL AGENTS, INCLUDING TEAR GAS	4	\$88,734
1A988	BULLETPROOF AND BULLET RESISTANT VESTS.	3	\$210,811
1C018	MATERIALS ON THE INTERNATIONAL MUNITIONS LIST	4	\$742,732
1C232	HELIUM-3 OR HELIUM ISOTOPICALLY ENRICHED IN THE HE	5	\$2,248,776
1C233	LITHIUM	7	\$3,776,455
1C350	PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF	7	\$24,764,462
1D002	SOFTWARE UTILIZED FOR DEVELOPMENT OF ORGANIC MATRI	1	\$1
1E001	TECHNOLOGY FOR DEVELOPMENT OF EQUIPMENT UNDER 1A00	1	\$0
1E103	TECHNOLOGY TO REGULATE TEMPERATURE OF COMPOSITES	1	\$0
2B351	TOXIC GAS MONITORING SYSTEM AND DEDICATED DETECTO	4	\$283,125
3A001	ELECTRONIC DEVICES/COMPONENTS	16	\$1,116,900
3A002	GENERAL PURPOSE ELECTRONIC EQUIPMENT	2	\$11,862,100
3A202	OSCILLOSCOPES AND TRANSIENT RECORDERS	1	\$132,167
3A233	MASS SPECTROMETERS	2	\$1,125,210

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
3A981	POLYGRAPHS/FINGERPRINT ANALYZERS/CAMERAS/EQUIPMENT	9	\$52,340
3A992	ELECTRONIC DEVICES/COMPONENTS NOT CONTROLLED BY 3A	1	\$651,119
3A993	ELECTRONIC TEST EQUIPMENT, N.E.S.	40	\$14,984,775
3A994	ELECTRONIC EQUIPMENT NOT CONTROLLED BY 3A002	2	\$897,476
3B001	EPITAXIAL EQUIPMENT FOR SEMICONDUCTORS	2	\$7,000,002
3B002	ION IMPLANTATION EQUIPMENT FOR SEMICONDUCTORS	1	\$10,000,000
3D002	SOFTWARE FOR USE OF CERTAIN EQUIPMENT CONTROLLED B	2	\$10
3D994	SOFTWARE FOR DEV/PROD/USE OF 3A992/3A993/3A994/3B9	5	\$269,880
3E001	TECHNOLOGY FOR DEV OR PROD OF CERTAIN ITEMS IN 3A/	7	\$7,000,012
3E002	OTHER TECHNOLOGY FOR ITEMS IN CATEGORY 3	3	\$0
3E994	TECHNOLOGY FOR DEV/PROD/USE OF 3A992/3A993/3A994/3	3	\$1,660
4A003	DIGITAL COMPUTERS/ASSEMBLIES AND RELATED EQUIPMENT	5	\$1,250,243
4A994	ITEMS NOT CONTROLLED BY 4A001/4A002/4A003	45	\$21,914,456
4D001	SOFTWARE FOR CERTAIN EQUIPMENT/SOFTWARE IN 4A-4D	1	\$406,267
4D003	SPECIFIC SOFTWARE, AS DESCRIBED IN THIS ENTRY	29	\$4,714,058
4D994	SOFTWARE FOR DEV/PROD/USE OF ITEMS IN 4A994/4B994/	7	\$11,117,128
4E001	TECHNOLOGY FOR DEV/PROD/USE OF CERTAIN EQUIP/SOFTW	21	\$406,321
4E002	OTHER TECHNOLOGY	18	\$52
4E992	TECHNOLOGY FOR DEV/PROD/USE OF 4A994/4B994/4C994/4	2	\$38,614
4E993	TECHNOLOGY FOR DEV/PROD OF MDSP, HARD DISK DRIVES,	1	\$406,267
5A001	TELECOMMUNICATIONS/TRANSMISSION EQUIPMENT	12	\$17,334,594
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	29	\$2,053,914
5A101	TELEMETERING AND TELECONTROL EQUIPMENT USABLE WITH	1	\$33,975
5A991	TRANSMISSION ITEMS NOT W/I PARAMETERS IN 5A001.B	7	\$2,054,347
5A993	RADIO RELAY COMMUNICATIONS EQUIPMENT	1	\$11,857,000
5A994	DATA SWITCHING EQUIPMENT/PACKET-MODE OPERATION SYS	6	\$14,450,207
5A995	INFORMATION SECURITY EQUIPMENT N.E.S.	1	\$89,461
5B001	EQUIPMENT FOR DEV/PROD OR USE OF ITEMS IN 5A001	1	\$11,857,000
5D001	SOFTWARE FOR DEV/PROD/USE OF ITEMS IN 5A001/5B001/	2	\$12,392,022
5D002	SOFTWARE FOR INFORMATION SECURITY	27	\$20,030,479
5D994	SOFTWARE FOR DEV/PROD/USE OF EQUIPMENT IN 5A994	3	\$10,194,741
5D995	SOFTWARE FOR DEV/PROD/USE OF INFORMATION SECURITY	1	\$89,461
5E001	TECHNOLOGY FOR DEV/PROD/USE, ETC, OF EQUIP. IN 5A0	14	\$12,059,100
5E002	TECHNOLOGY FOR DEV/PROD/USE OF INFORMATION SECURIT	1	\$52,000
6A001	ACOUSTICS	3	\$1,966,592
6A002	OPTICAL SENSORS	1	\$3,200
6A003	CAMERAS	12	\$554,494
6A005	OPTICAL EQUIPMENT (LASERS)	2	\$2,920
6A203	CAMERAS/COMPONENTS NOT CONTROLLED BY ECCN 6A003	2	\$581,050
6E001	TECHNOLOGY FOR DEVELOPMENT OF EQUIPMENT/MATERIALS/	3	\$0
6E002	TECHNOLOGY FOR PRODUCTION OF EQUIPMENT/MATERIALS I	3	\$0
7A001	ACCELEROMETERS FOR USE IN NAVIGATION OR GUIDANCE S	1	\$5,900
7A103	INSTRUMENTATION, NAVIGATION EQUIPMENT/SYSTEMS NOT	6	\$2,037,065
7A994	OTHER NAVIGATION/AIRBORNE COMMUNICATION EQUIPMENT	1	\$349,636
7D101	SOFTWARE FOR COMMODITIES CONTROLLED BY 7A001/004,	1	\$75
7E003	TECHNOLOGY FOR REPAIR OF OF EQUIPMENT IN 7A001 TO	1	\$0
7E101	TECHNOLOGY FOR EQUIPMENT/SOFTWARE CONTROLLED BY 7A	2	\$248,685
7E102	TECHNOLOGY FOR PROTECTION AGAINST EM AND EMP	1	\$0
9A001	AERO GAS TURBINE ENGINES	2	\$7,150,160
9A004	SPACECRAFT	3	\$153,192,860
9D001	SOFTWARE FOR DEV OF CERTAIN EQUIP/TECHNOLOGY IN 9A	1	\$2
9E003	OTHER TECHNOLOGY	3	\$2

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE

TOTAL APPLICATIONS: 598			
TOTAL CCL'S: 69			
TOTAL DOLLAR VALUE: \$443,084,905			

TAJIKISTAN

1A984	CHEMICAL AGENTS, INCLUDING TEAR GAS	1	\$4,030
1C350	PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF	1	\$3,600,000
TOTAL APPLICATIONS: 2			
TOTAL CCL'S: 2			
TOTAL DOLLAR VALUE: \$3,604,030			

TURKMENISTAN

0A984	SHOTGUNS, BUCKSHOT, SHOTGUN SHELLS	1	\$1,504
1C018	MATERIALS ON THE INTERNATIONAL MUNITIONS LIST	1	\$3,600
7A103	INSTRUMENTATION, NAVIGATION EQUIPMENT/SYSTEMS NOT	1	\$27,000
TOTAL APPLICATIONS: 3			
TOTAL CCL'S: 3			
TOTAL DOLLAR VALUE: \$32,104			

UKRAINE

0A984	SHOTGUNS, BUCKSHOT, SHOTGUN SHELLS	13	\$3,324,620
0E001	TECHNOLOGY FOR DEVELOPMENT, PRODUCTION, USE 0B001, 3,	1	\$200,000
1C002	METAL ALLOYS, POWDER OR ALLOYED MATERIALS	1	\$29,150
1C018	MATERIALS ON THE INTERNATIONAL MUNITIONS LIST	1	\$100,000
1C115	PROPELLANTS AND CONSTITUENT CHEMICALS FOR PROPELLA	1	\$3,146
1C202	ALUMINUM AND TITANIUM ALLOYS IN THE FORM OF TUBES/	2	\$609
1C216	MARAGING STEEL NOT CONTROLLED BY 1C116	1	\$30,000
2E003	OTHER TECHNOLOGY	1	\$0
2E290	TECHNOLOGY FOR USE OF COMMODITIES CONTROLLED BY 2A	1	\$800,000
3A001	ELECTRONIC DEVICES/COMPONENTS	2	\$138,485
3A002	GENERAL PURPOSE ELECTRONIC EQUIPMENT	1	\$86,000
3A231	NEUTRON GENERATOR SYSTEMS INCLUDING TUBES	2	\$204,000
3A233	MASS SPECTROMETERS	1	\$255,000
3A993	ELECTRONIC TEST EQUIPMENT, N.E.S.	1	\$45,750
3D001	SOFTWARE FOR DEV OR PROD OF EQUIP CERTAIN ITEMS IN	1	\$0
3D002	SOFTWARE FOR USE OF CERTAIN EQUIPMENT CONTROLLED B	1	\$0
3E001	TECHNOLOGY FOR DEV OR PROD OF CERTAIN ITEMS IN 3A/	2	\$0
3E002	OTHER TECHNOLOGY FOR ITEMS IN CATEGORY 3	1	\$0
4E001	TECHNOLOGY FOR DEV/PROD/USE OF CERTAIN EQUIP/SOFTW	1	\$1

CCL	DESCRIPTION	APPLICATIONS	DOLLAR VALUE
5A001	TELECOMMUNICATIONS/TRANSMISSION EQUIPMENT	1	\$898,000
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	9	\$1,046,600
5A994	DATA SWITCHING EQUIPMENT/PACKET-MODE OPERATION SYS	1	\$898,000
5D001	SOFTWARE FOR DEV/PROD/USE OF ITEMS IN 5A001/5B001/	1	\$0
5E001	TECHNOLOGY FOR DEV/PROD/USE, ETC, OF EQUIP. IN 5A0	2	\$15,000,000
5E002	TECHNOLOGY FOR DEV/PROD/USE OF INFORMATION SECURIT	1	\$0
6A003	CAMERAS	1	\$55,000
6E001	TECHNOLOGY FOR DEVELOPMENT OF EQUIPMENT/MATERIALS/	1	\$0
6E002	TECHNOLOGY FOR PRODUCTION OF EQUIPMENT/MATERIALS I	1	\$0

TOTAL APPLICATIONS: 53
TOTAL CCL'S: 28
TOTAL DOLLAR VALUE: \$23,114,361

UZBEKISTAN

5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	1	\$950
7A103	INSTRUMENTATION, NAVIGATION EQUIPMENT/SYSTEMS NOT	1	\$230,000

TOTAL APPLICATIONS: 2
TOTAL CCL'S: 2
TOTAL DOLLAR VALUE: \$230,950

VIETNAM

0A982	SAPS; THUMBCUFFS, LEG IRONS, SHACKLES, AND HANDCUF	1	\$53,390
1C350	PRECURSOR/INTERMEDIATE CHEMICALS FOR CHEMICAL WARF	4	\$1,069,941
2B230	PRESSURE TRANSDUCERS	1	\$1,355
3A001	ELECTRONIC DEVICES/COMPONENTS	2	\$8,488
3A202	OSCILLOSCOPES AND TRANSIENT RECORDERS	2	\$7,411
3E001	TECHNOLOGY FOR DEV OR PROD OF CERTAIN ITEMS IN 3A/	2	\$2
5A002	SYSTEMS/EQUIPMENT/INTEGRATED CIRCUITS FOR INFO SEC	1	\$6,000
5E001	TECHNOLOGY FOR DEV/PROD/USE, ETC, OF EQUIP. IN 5A0	1	\$1
6A003	CAMERAS	1	\$6,371
7A103	INSTRUMENTATION, NAVIGATION EQUIPMENT/SYSTEMS NOT	2	\$458,100
9A018	ACOMMODITIES ON THE INTERNATIONAL MUNITIONS LIST	4	\$1,120,400

TOTAL APPLICATIONS: 21
TOTAL CCL'S: 11
TOTAL DOLLAR VALUE: \$2,731,459

¹The license and dollar value data in this appendix includes temporary export and reexport licenses.

²Within each country, the sum of the numbers in this column may not equal Total Applications because more than one CCL item may appear on an export license application.